

CHANGE IN SATURATED THICKNESS AT SECTION CENTERS IN THE HIGH PLAINS AQUIFER PREDEVELOPMENT TO 1999-2001



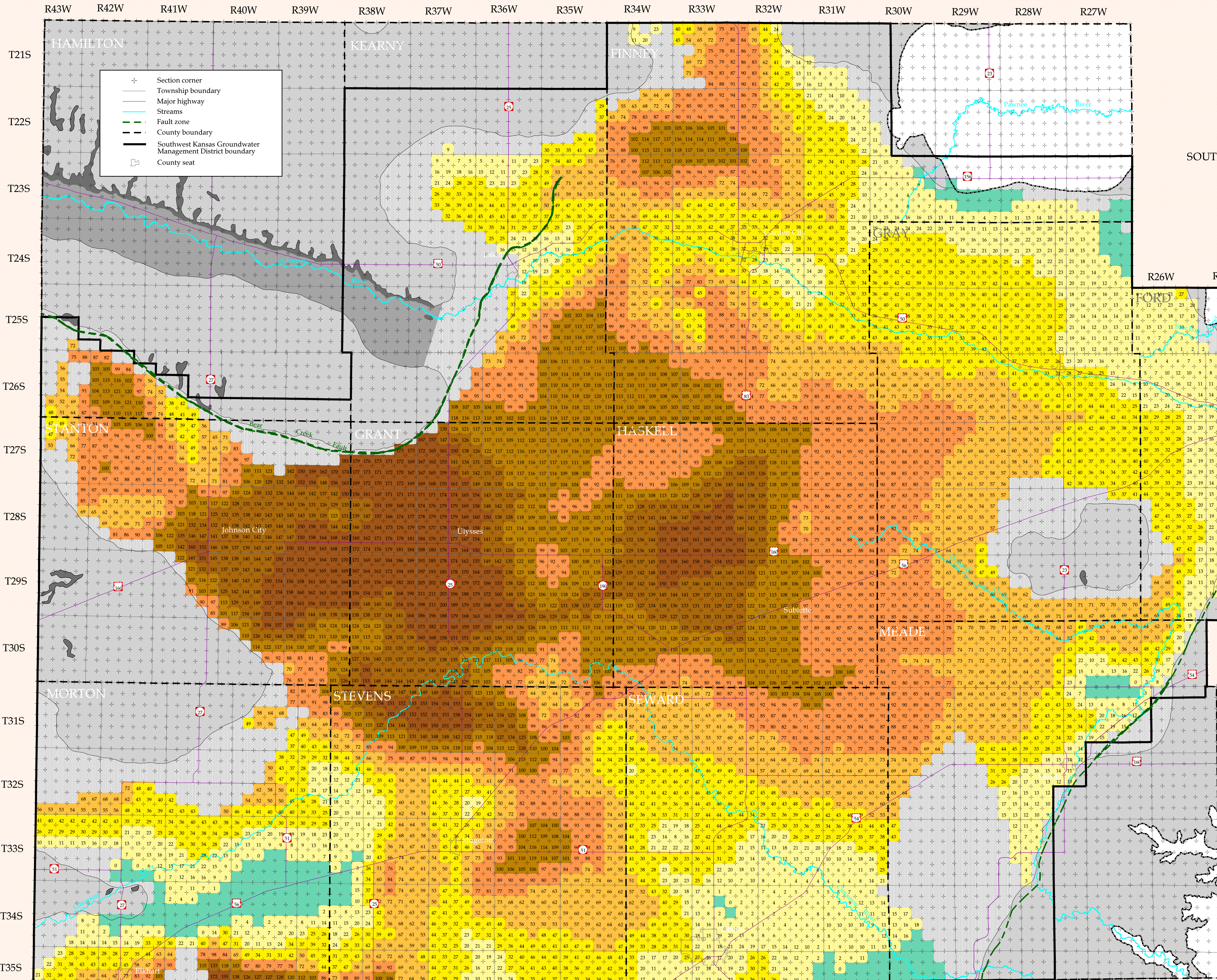
SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

Prepared by the Kansas Geological Survey in cooperation with the Southwest Kansas Groundwater Management District

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Kansas Geological Survey Open File Report 2001-45 Plate C

This map is based on data from the Ogallala and undifferentiated Quaternary units and, as such, does not represent conditions in other aquifer units (e.g., Dakota, alluvial systems).

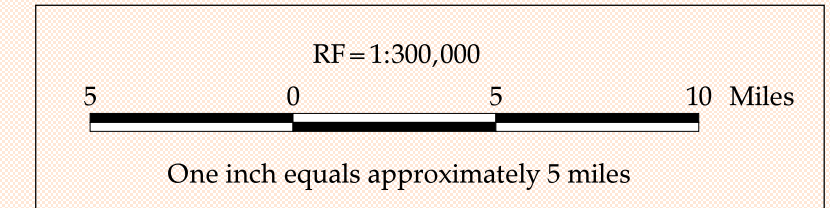


+ Section corner
 --- Township boundary
 --- Major highway
 --- Streams
 --- Fault zone
 --- County boundary
 --- Southwest Kansas Groundwater Management District boundary
 --- County seat

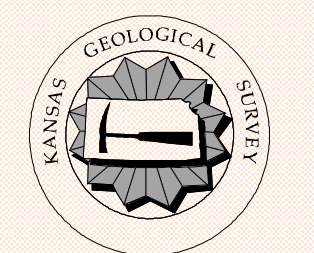
	Outcrops of Formations older than the Ogallala		Thinly saturated or unsaturated formations
	Arkansas River alluvium underlain by bedrock		Saturated regions with little or no data
	High Plains aquifer boundary		

Change in saturated thickness in feet

	0 - 24		100 - 124
	25 - 49		125 - 149
	50 - 74		150 - 211
	75 - 99		Estimated increase in saturated thickness



Projection: Albers Equal Area
 Standard Parallels: 37 18 40 and 37 56 49 degrees North
 Central Meridian: -100 47 58 degrees West
 Latitude of Origin: 36 52 30 degrees North



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